1. The enzyme that relieves supercoiling is called ________________.
2. What is the name of the strand that is synthesized continuously? ____________. From how many primers is it synthesized? ________________
3. How many rings do Purines have? ____________________
4. The enzyme that removes the RNA primer and refills the gap with DNA is called ______________________
5. What can be found at the 3' end of the pentose sugar in a molecule of DNA? __________
6. Which enzyme is responsible for sealing the refilled strand of DNA ____________________
7. The bonds connecting Nitrogenous bases are called ________________________
8. DNA is composed of my monomers called ________________
9. _________ is the isotope that was used to label proteins.
10. DNA Polymerase I is responsible for the ______ of the RNA Primer. In addition to this responsibility, DNA Polymerase I also ________________
11. Who conducted an experiment with bacteriophages to support Avery's conclusion, that ________________________? ______________________
12. DNA is said to be synthesized in the ____________ direction.
13. DNA Helicase is responsible for ____________ the DNA.
14. DNA Ligase is responsible for ________________ the gap of the newly ________________ strand of DNA.
15. The strand of DNA from which the new strand of DNA is copied is called the ______________ strand of DNA.
16. Single strand binding proteins are responsible for ______________ the DNA double helix from ______________________
17. The strands of DNA in a double helix run in a(n) ____________________ direction.
18. An ______________ is required to start DNA synthesis.
19. ______________ was once thought to encode genetic material.
20. Short segments of DNA created during the synthesis of the ______________ strand are called ________________________